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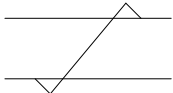
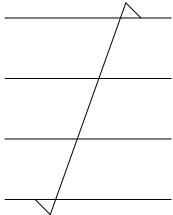
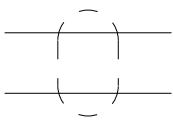
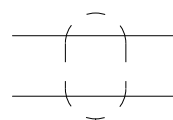
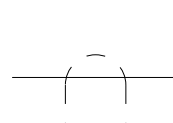
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ABB

SE-721 68 Västerås
Sweden

Paracom	Parallel Communication		Protective Earth (PE)
Paramulti	Parallel and Ethernet Communication		Twisted wires
S	Welding with Pneumatic Gun		Quad twined wires
Se	Welding with Servo Gun		Screened wires
H	Material Handling		Screen is connected to earth
HS	Material Handling and Pneumatic Gun		Screen connection continues on the next page
HSe	Material Handling and Servo Gun		
FB	Motor Feedback Signal (7th axis)		
SMB	Serial Measurment Board		
CP	Customer Power		
CS	Customer Signal		
ETHERNET	Bus Signal, Ethernet		
SP	Servo Gun Power		
MH	Harness between base and axis 3		
MH3	Harness between axis 3 and axis 6, without LeanID		
MH6	Harness between axis 3 and axis 6, with LeanID		

Latest revision:
ECO 500000137729,
new no. for harnesses added,
page 51-55: correction of CS/CP floor cable,
page 56 and 57: connectors corrected

Prepared by, date: M Lindevall

Approved by, date:	M Lövmemark	2025-04-11
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Lab/Office:	RDM2
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Dresspack IRB7710, IRB7720
LEGEND

Status:	Approved
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Plant:	=
Location:	+
Sublocation:	+

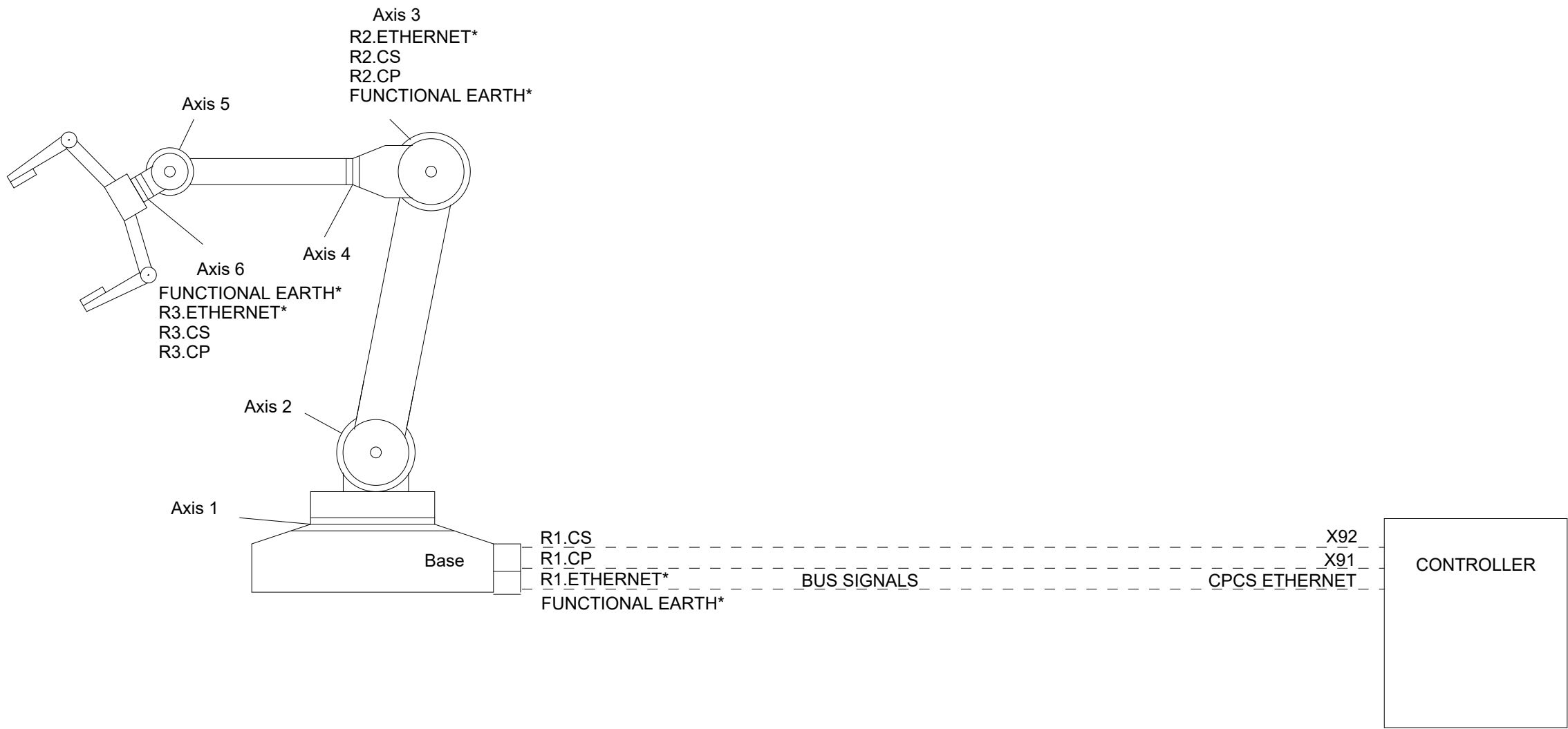
Document no.
3HAC090825-001

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BLOCK DIAGRAM TYPE H (material handling)
IRBDP MH, MH3/MH6
Controller, OmniCore V400XT: See circuit diagram, 3HAC082020-008

Dashed cables: See circuit diagram 3HAC082020-008

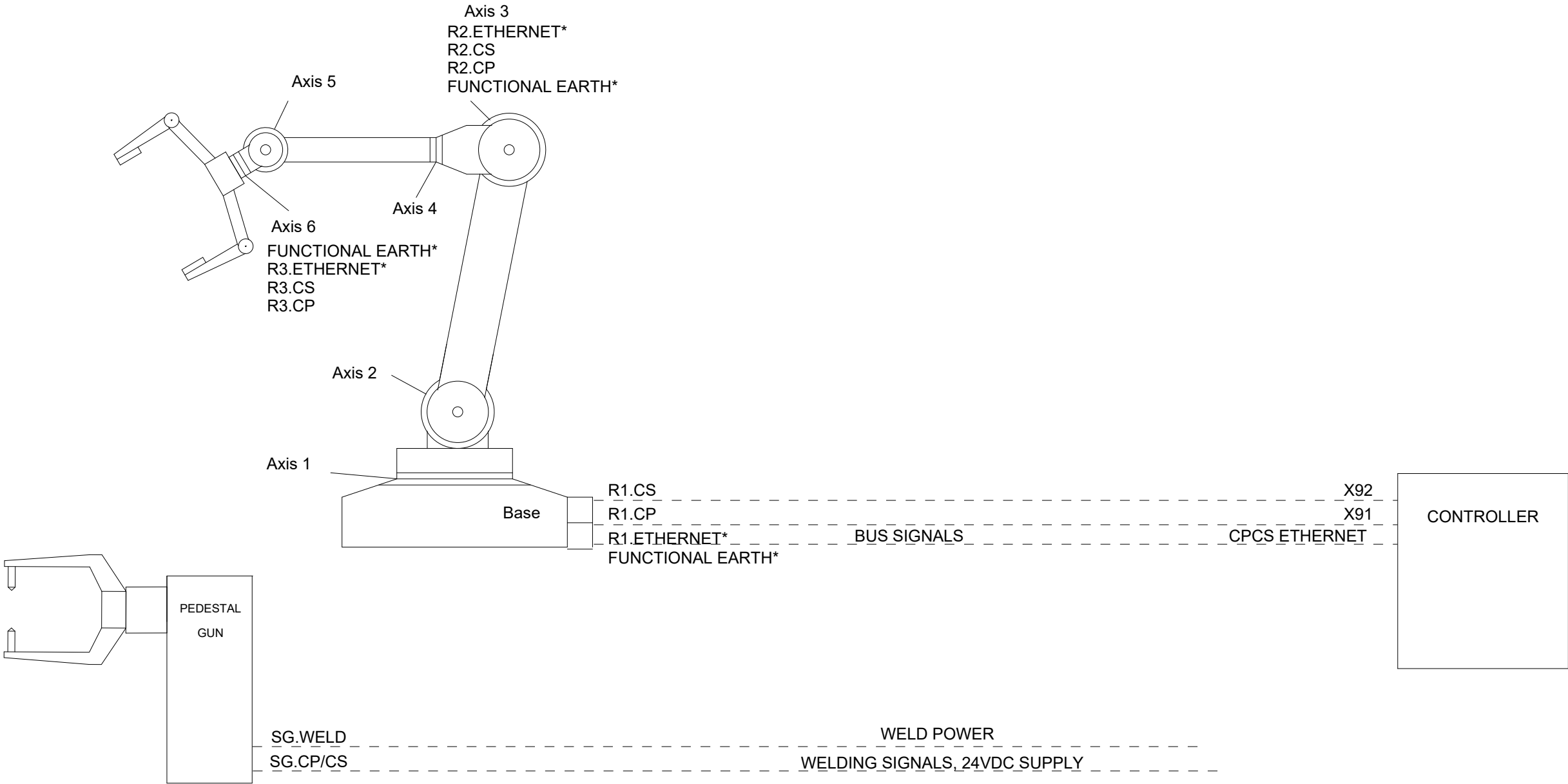
* Functional earth exist only on the option Paramulti.



BLOCK DIAGRAM TYPE HS (material handling and pneumatic gun)
IRBDP MH, MH3/MH6
Controller, OmniCore V400XT: See circuit diagram, 3HAC082020-008

Dashed cables: See circuit diagram 3HAC082020-008

* Functional earth exist only on the option Paramulti.

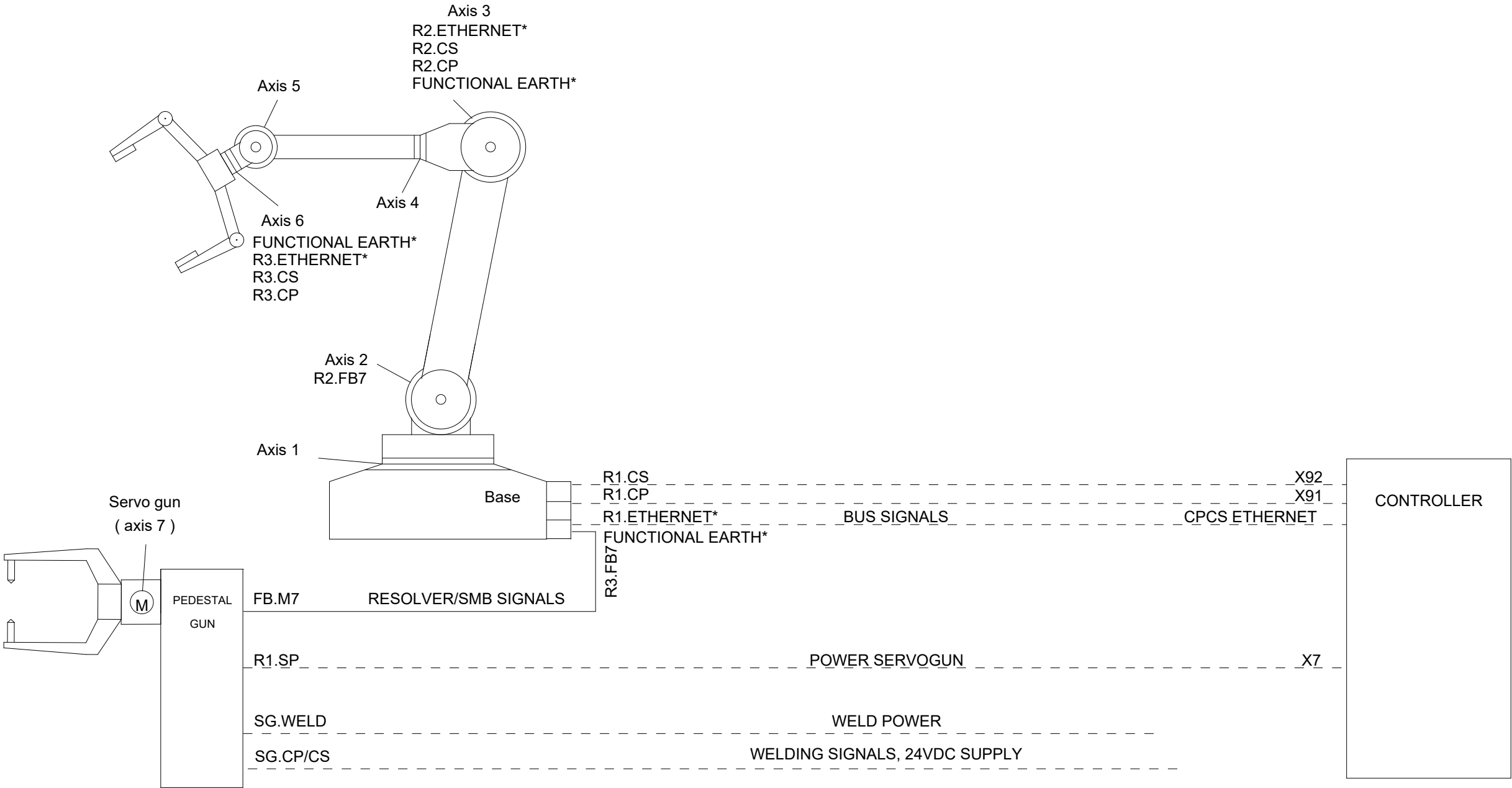


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BLOCK DIAGRAM TYPE HSe (material handling and servo gun)
IRBDP MH, MH3/MH6
Controller, OmniCore V400XT: See circuit diagram, 3HAC082020-008

Dashed cables: See circuit diagram 3HAC082020-008

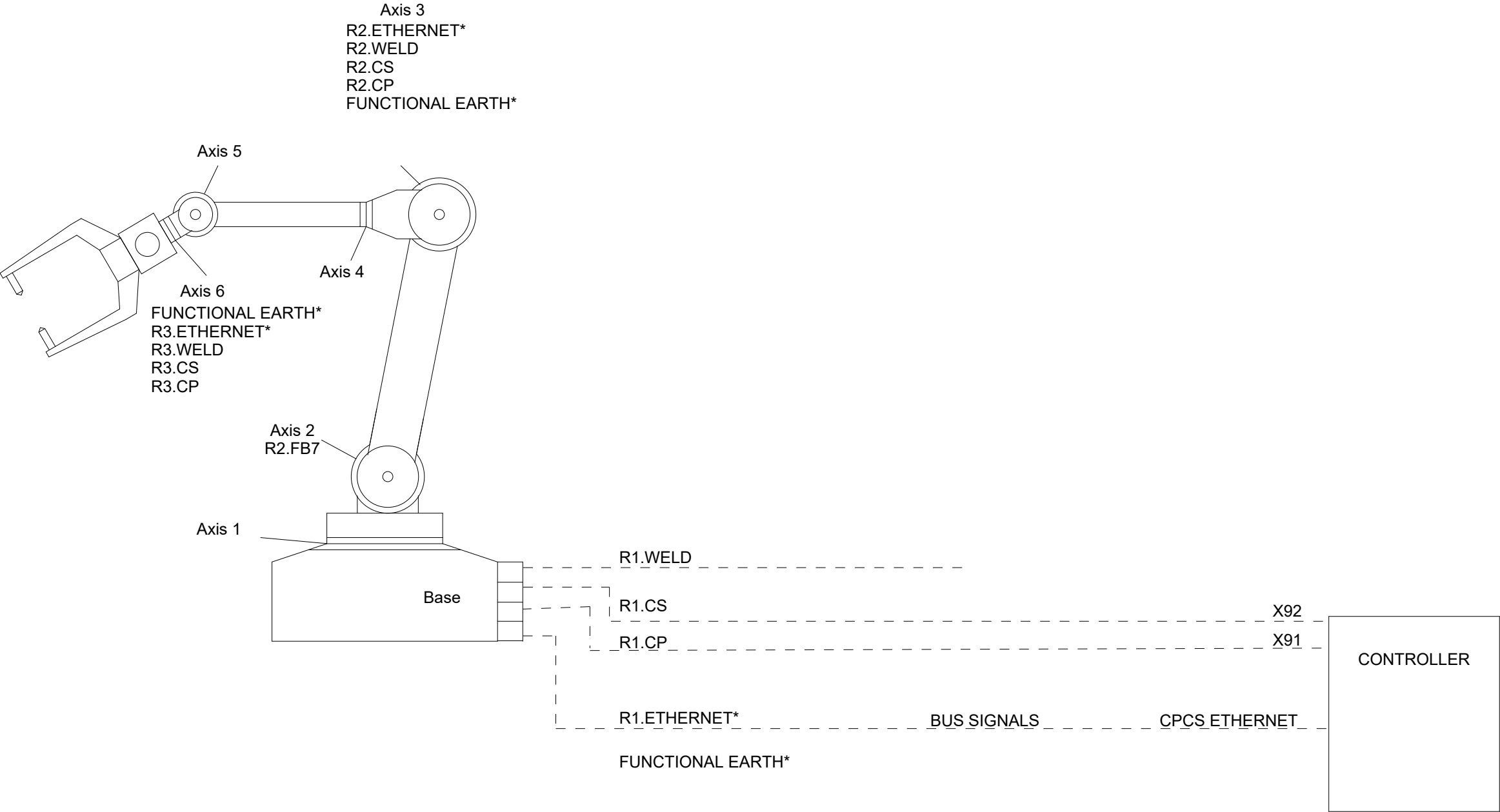
* Functional earth exist only on the option Paramulti.



BLOCK DIAGRAM TYPE Se (servo gun)
IRBDP SW6
Controller, OmniCore V400XT: See circuit diagram, 3HAC082020-008

Dashed cables: See circuit diagram 3HAC082020-008

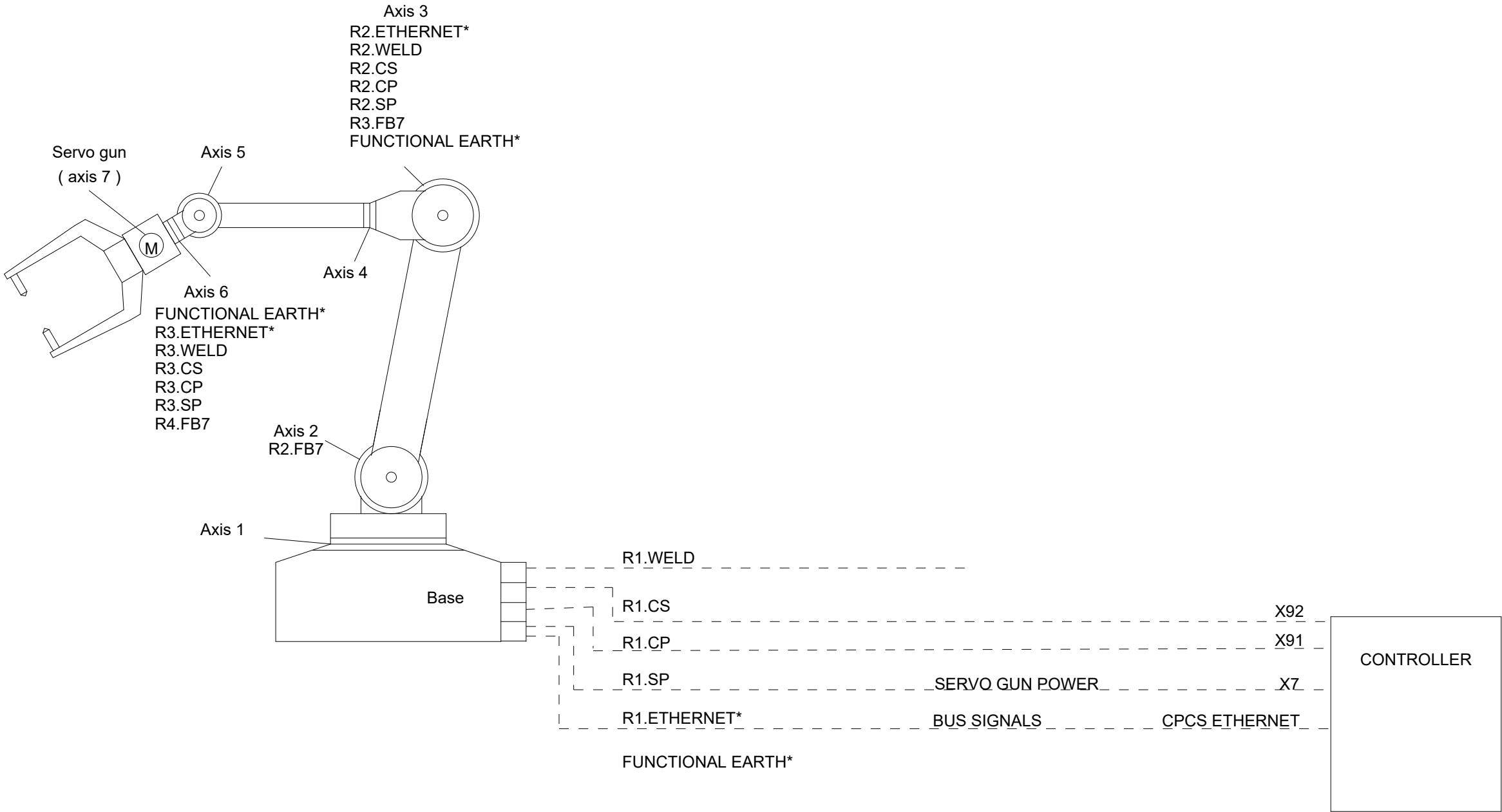
* Functional earth exist only on the option Paramulti.



BLOCK DIAGRAM TYPE Se (servo gun)
IRBDP SW6
Controller, OmniCore V400XT: See circuit diagram, 3HAC082020-008

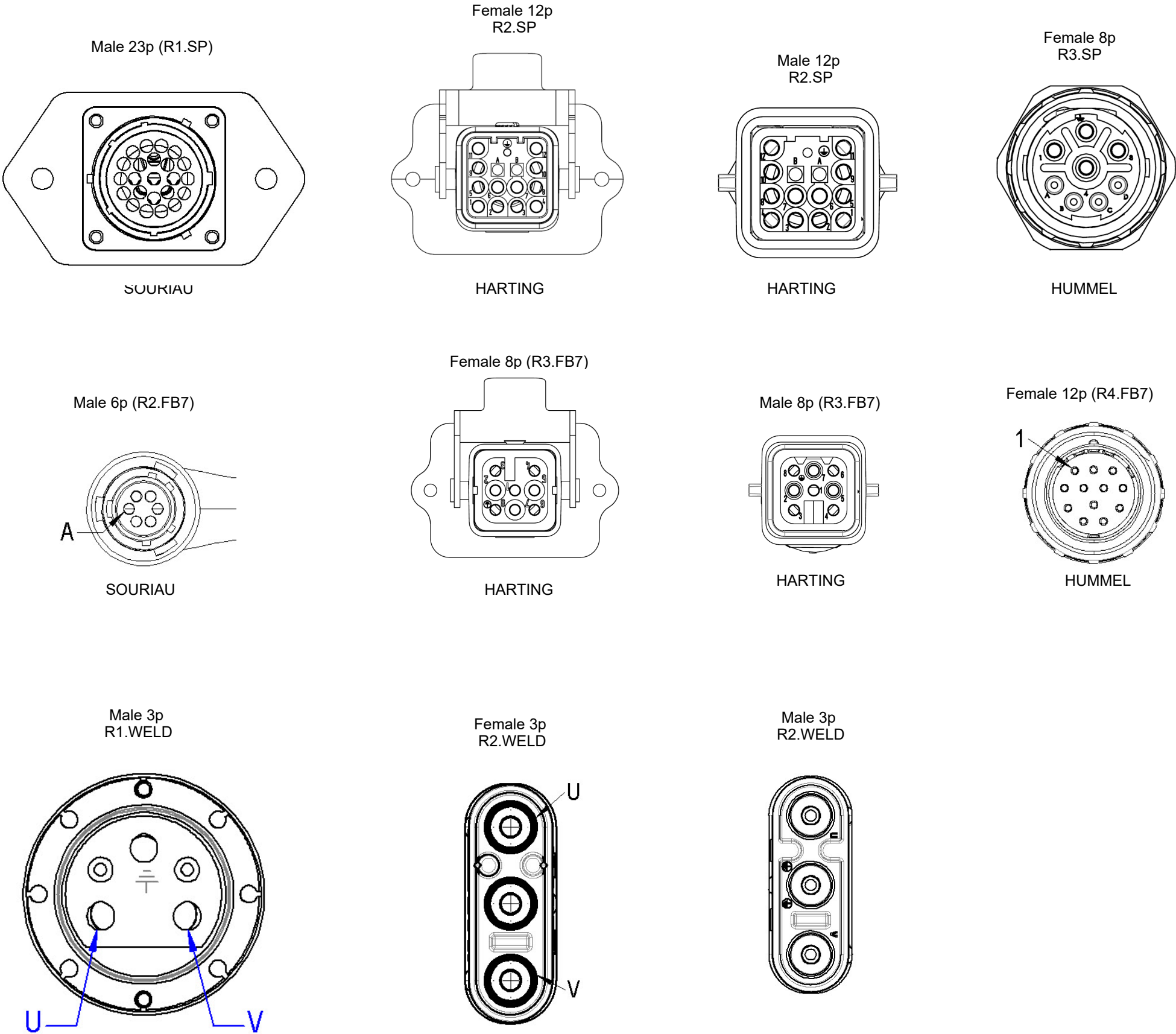
Dashed cables: See circuit diagram 3HAC082020-008

* Functional earth exist only on the option Paramulti.



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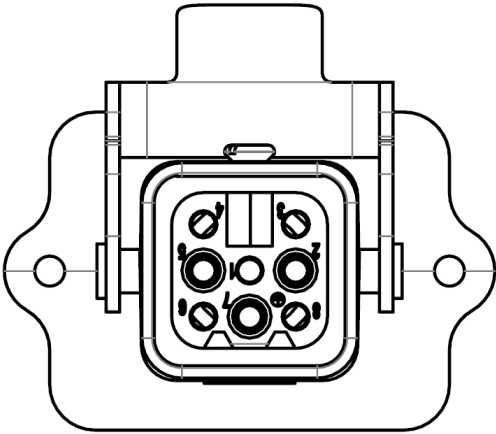
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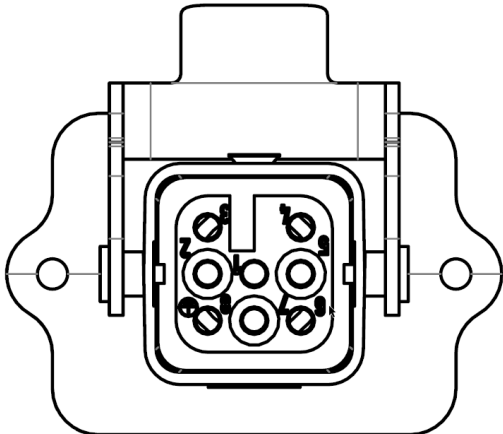
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BLOCK DIAGRAM TYPE S/H

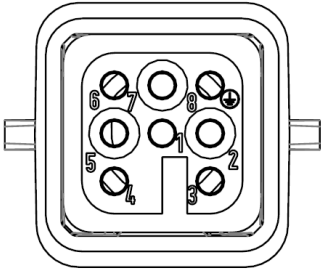
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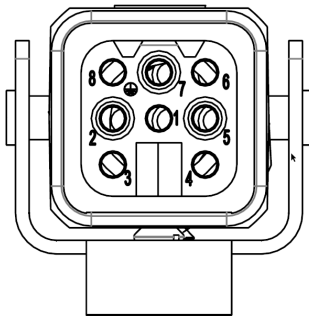
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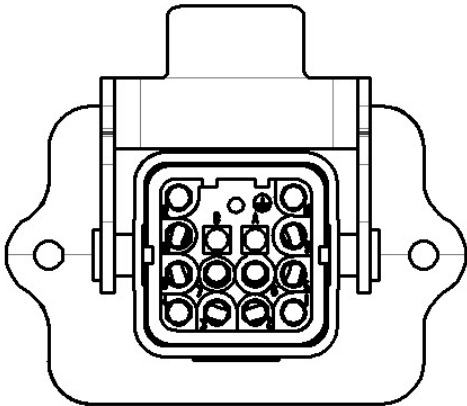
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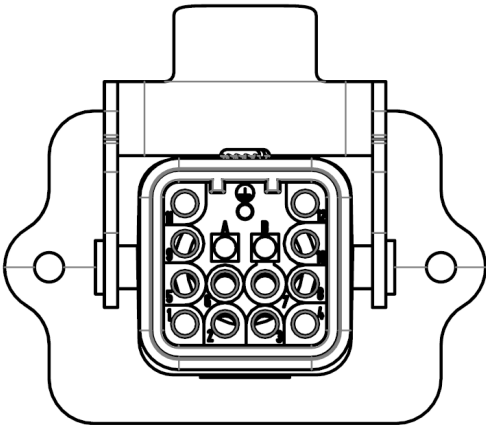
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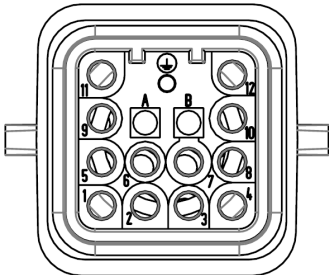
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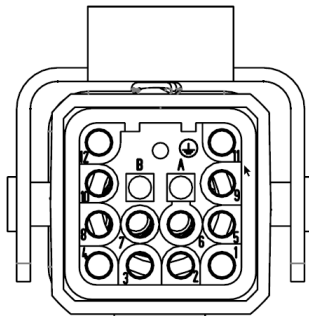
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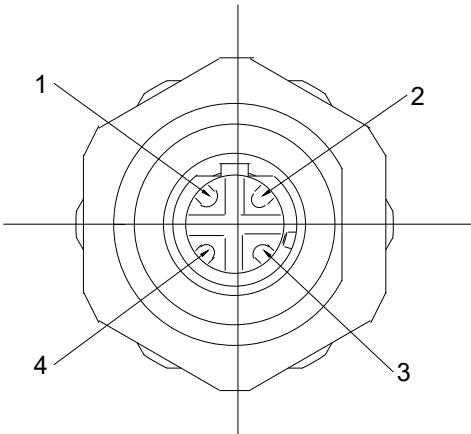
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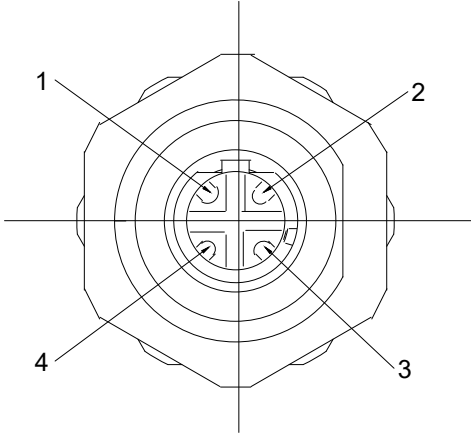
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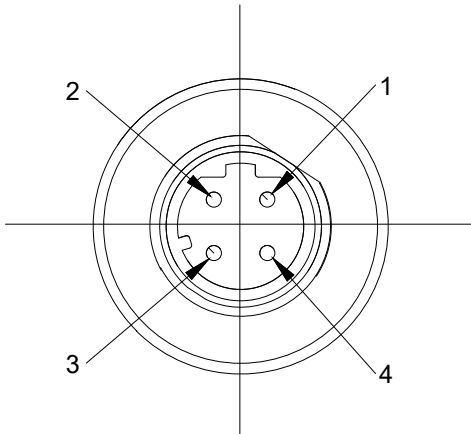
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R2.ETHERNET



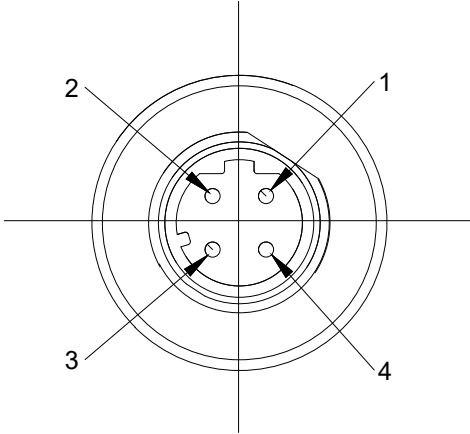
Female 4p
R1.ETHERNET
R2.ETHERNET



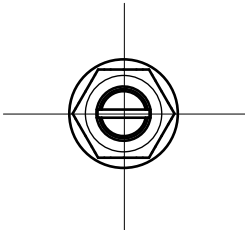
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R2.ETHERNET
R3.ETHERNET

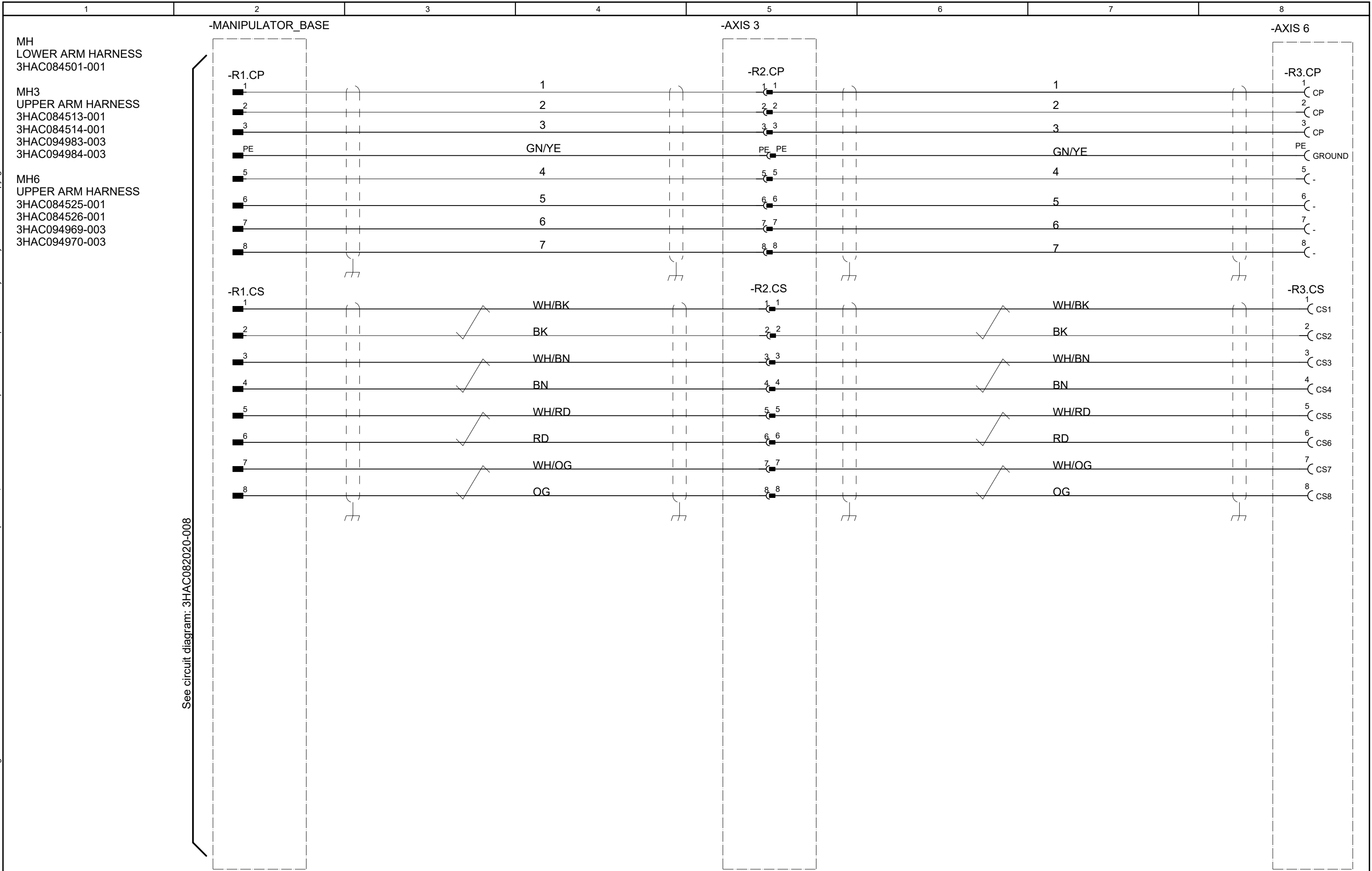


Male 4p
R2.ETHERNET
R3.ETHERNET

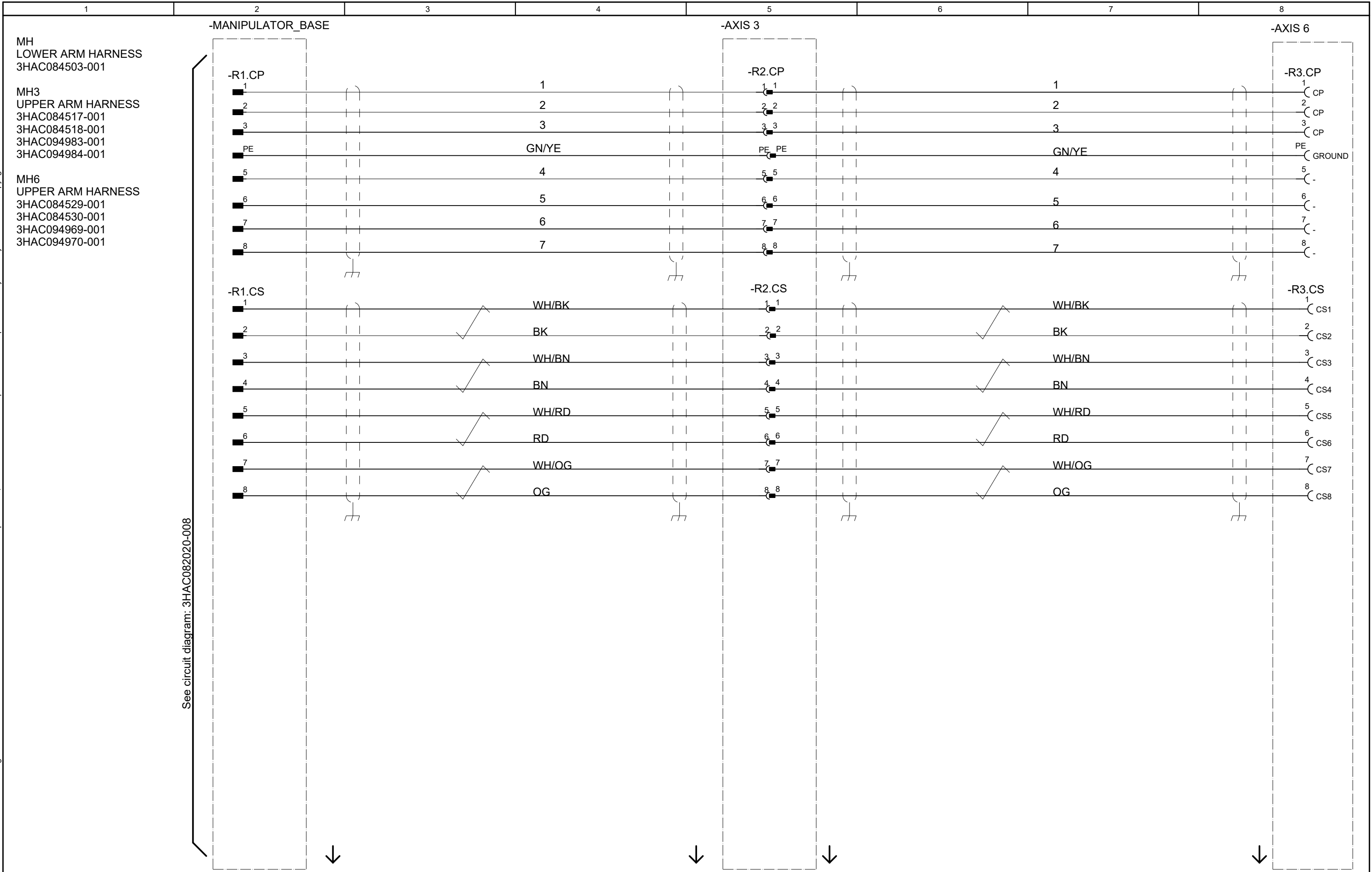


FUNCTIONAL EARTH



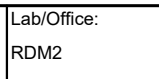


See circuit diagram: 3HAC082020-008



See circuit diagram: 3HAC082020-008

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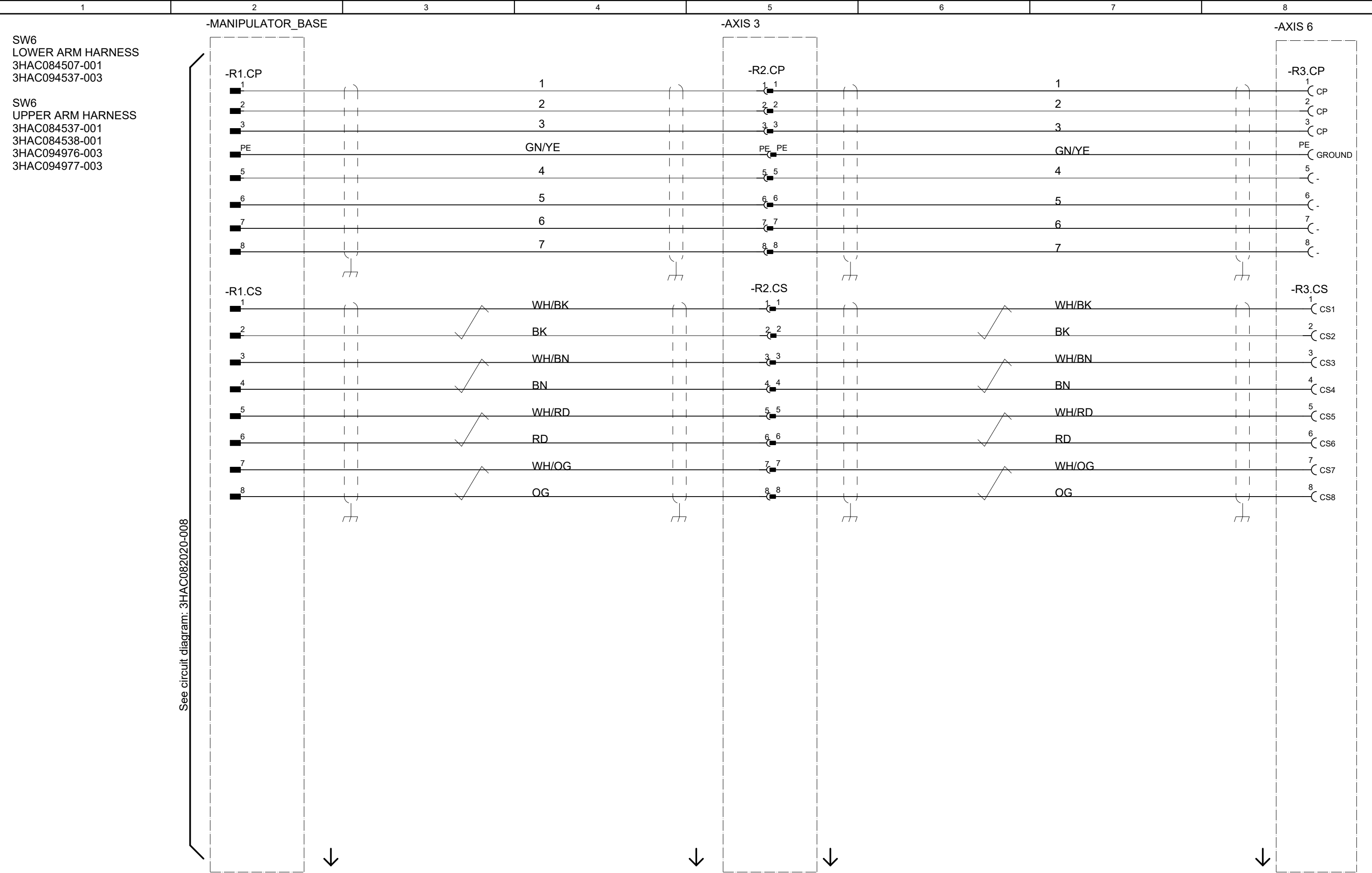


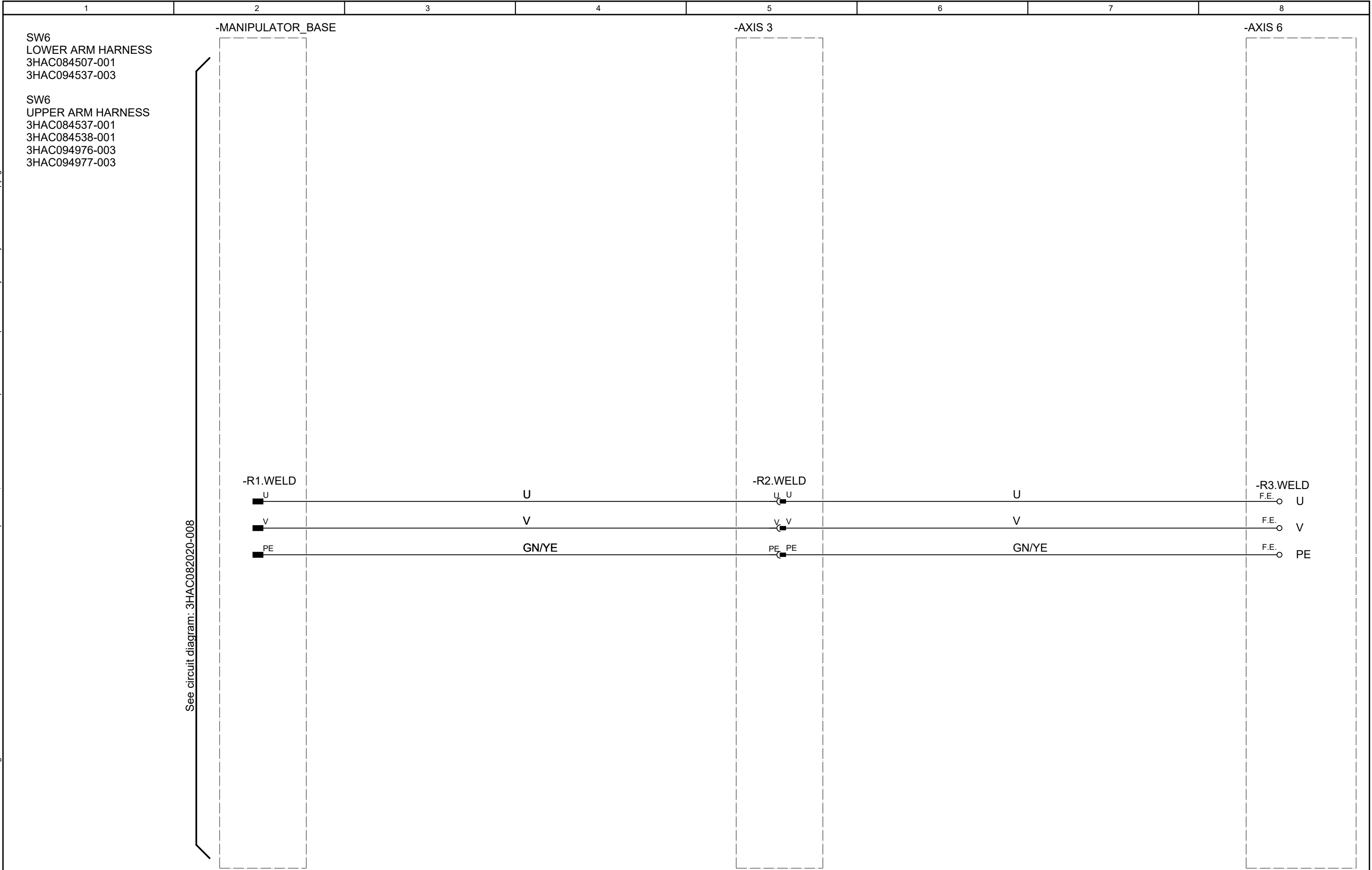
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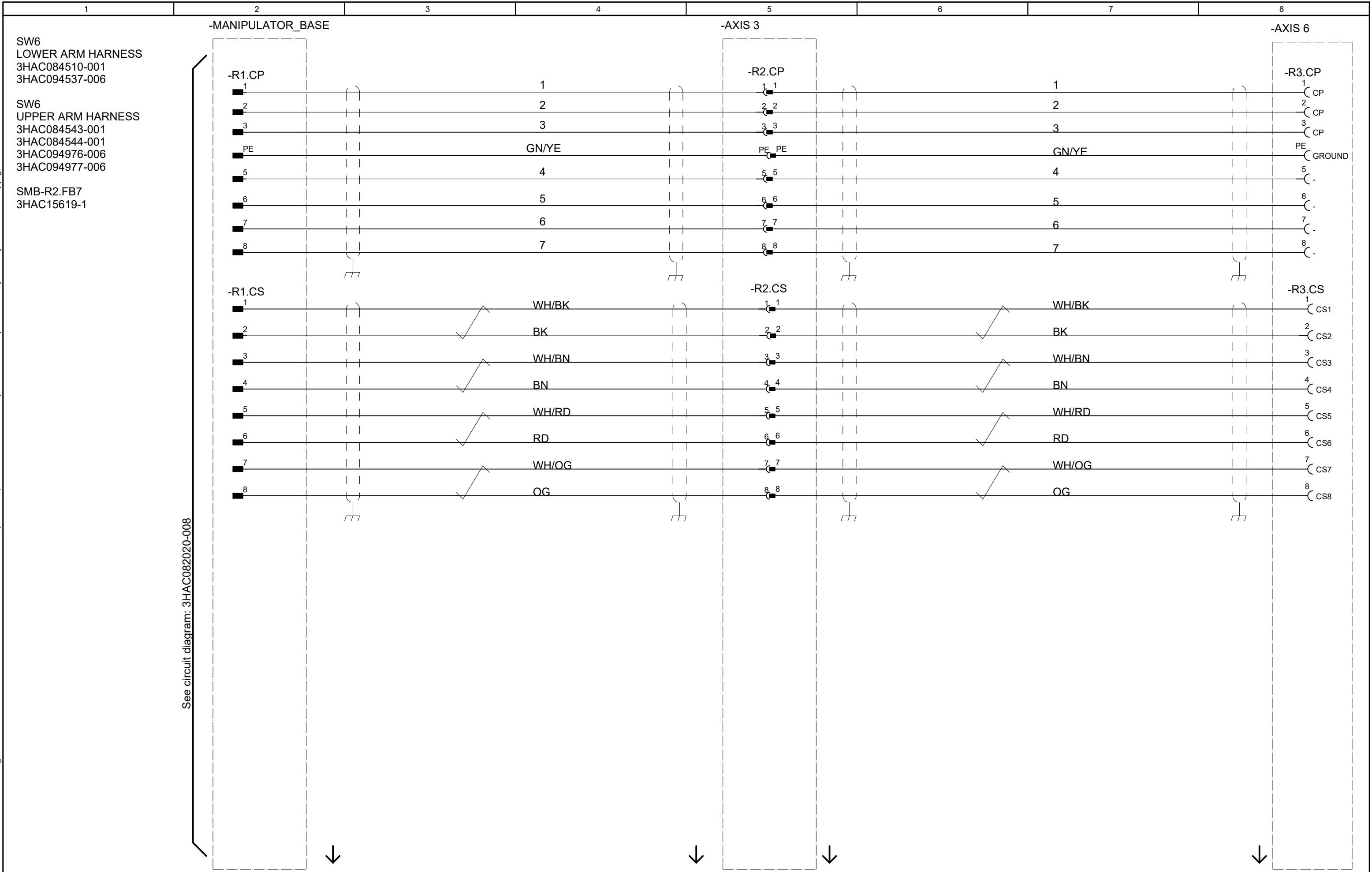
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Location:	+
Collection:	+

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			Total 22

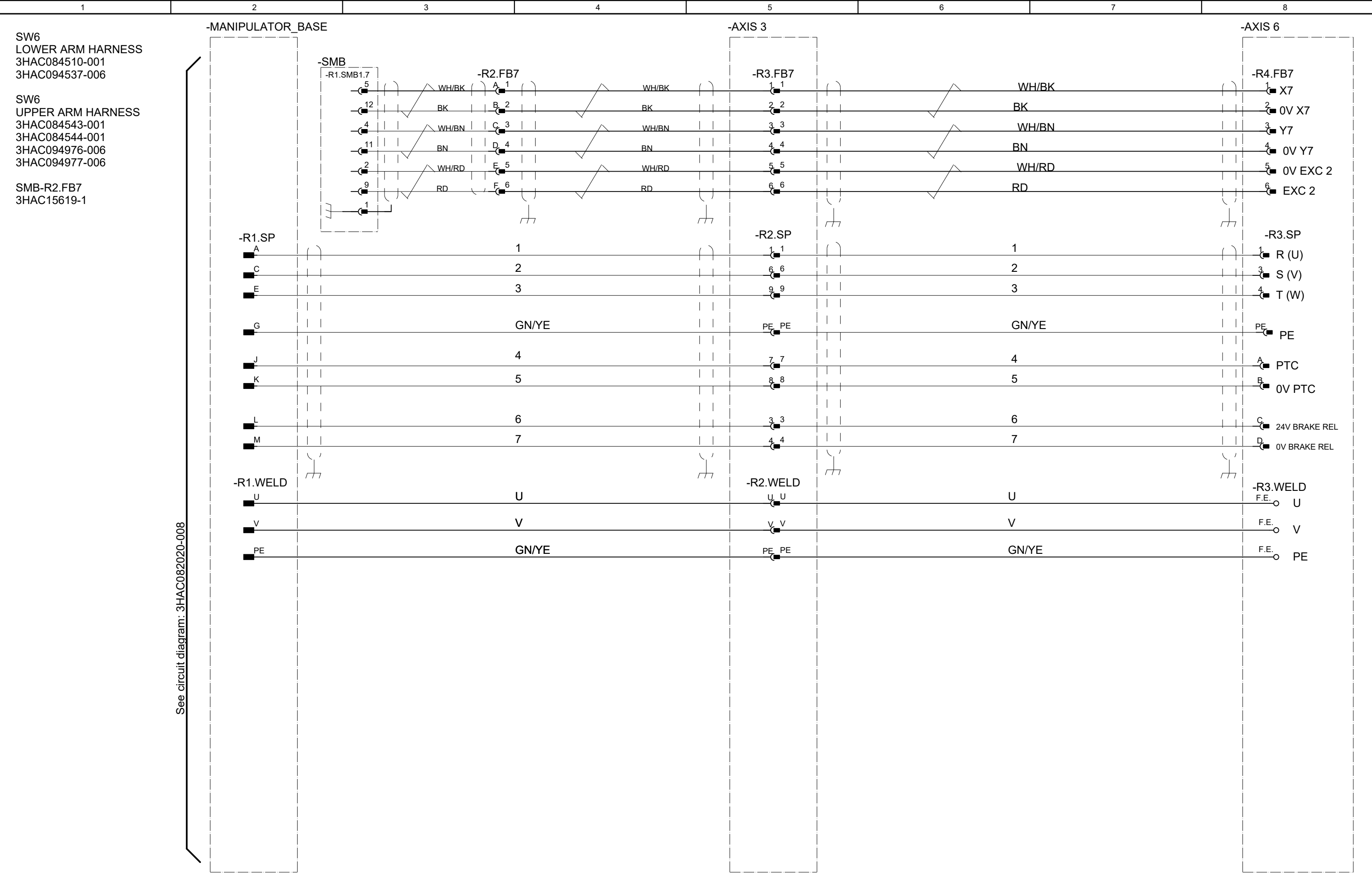
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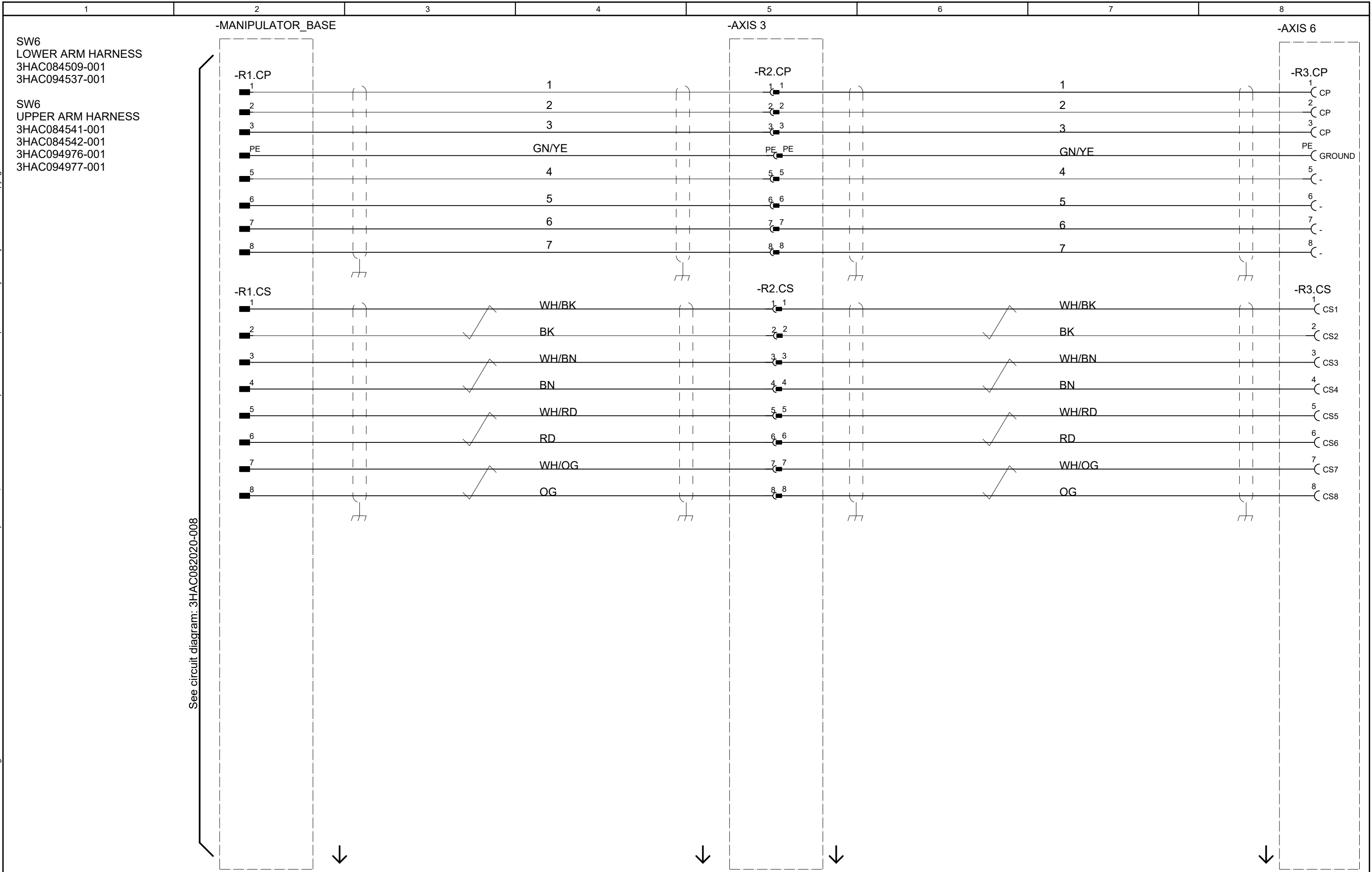






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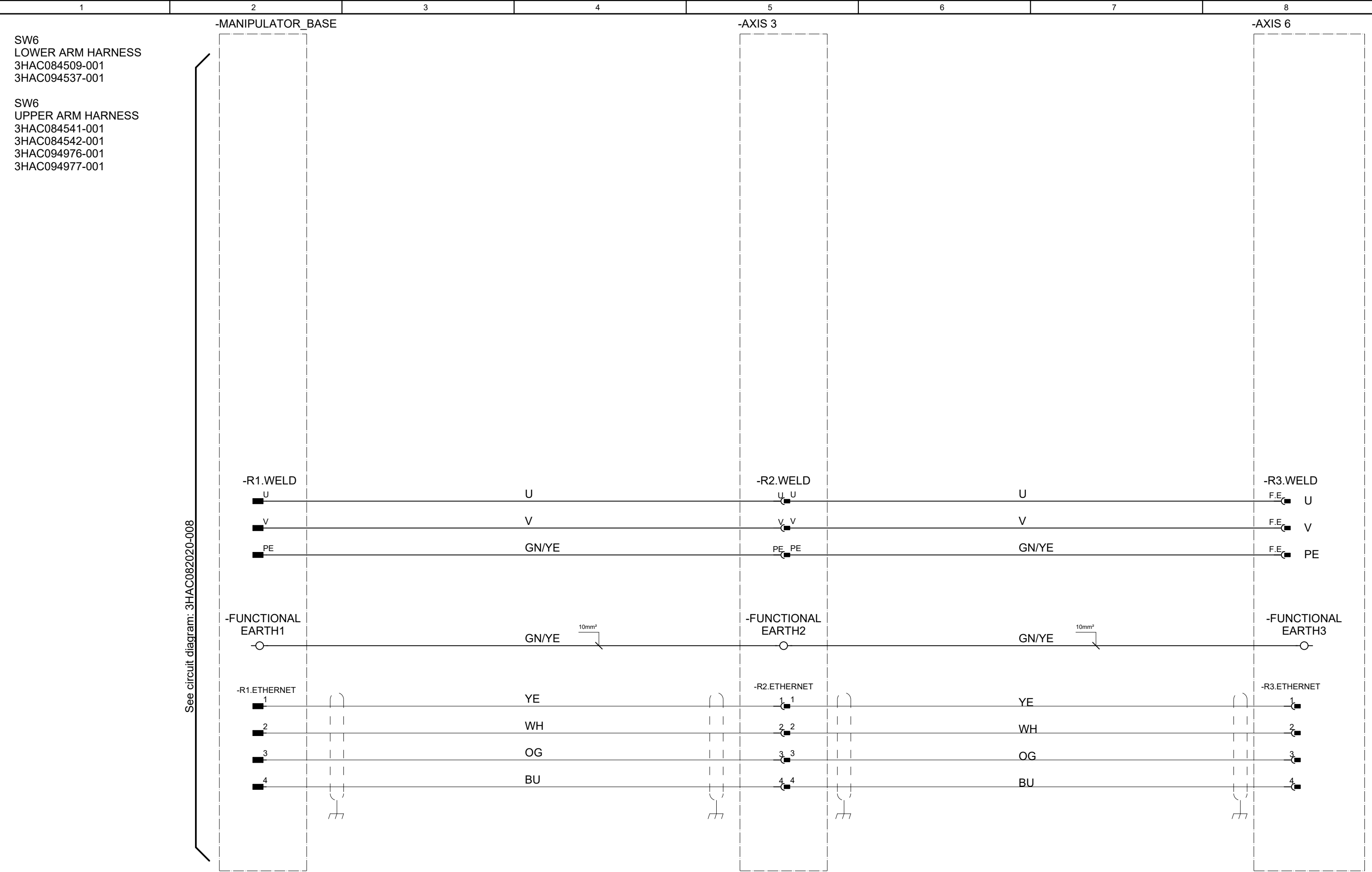




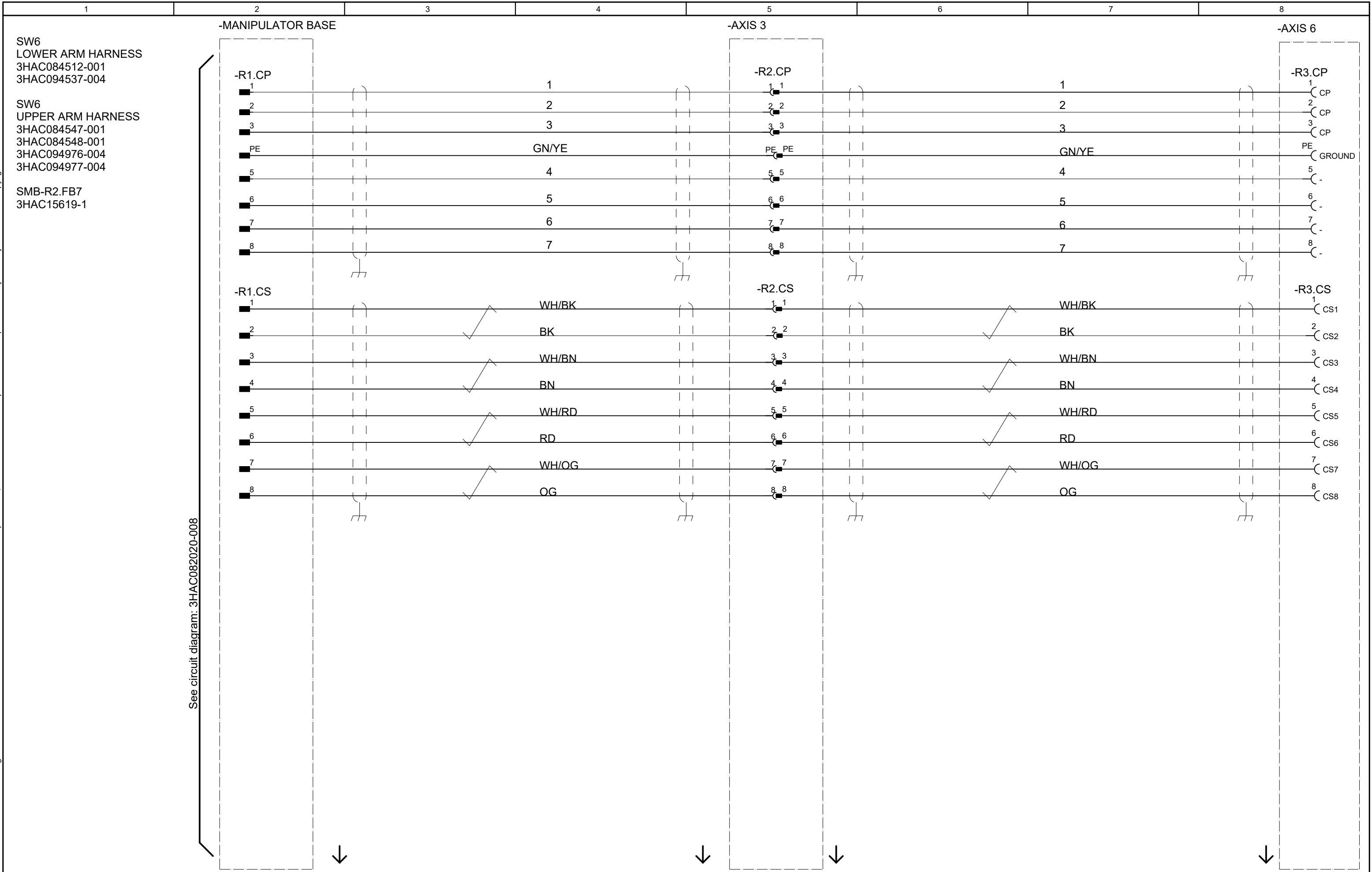
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See circuit diagram: 3HAC082020-008



Latest revision: ECO 500000137729, new no. for harnesses added, page 51-55: correction of CS/CP floor cable, page 56 and 57: connectors corrected				Lab/Office: RDM2	Dresspack IRB7710, IRB7720 PARAMULTI, SW6 TYPE S	Status: Approved		Plant: = Location: + Sublocation: +
Prepared by, date: M Lindevall		Approved by, date: M Lövmemark 2025-04-11		Document no. 3HAC090825-001		Rev. Ind 01		
				Page 211 Next 215 Total 22				



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See circuit diagram: 3HAC082020-008

SW6
LOWER ARM HARNESS
3HAC084512-001
3HAC094537-004

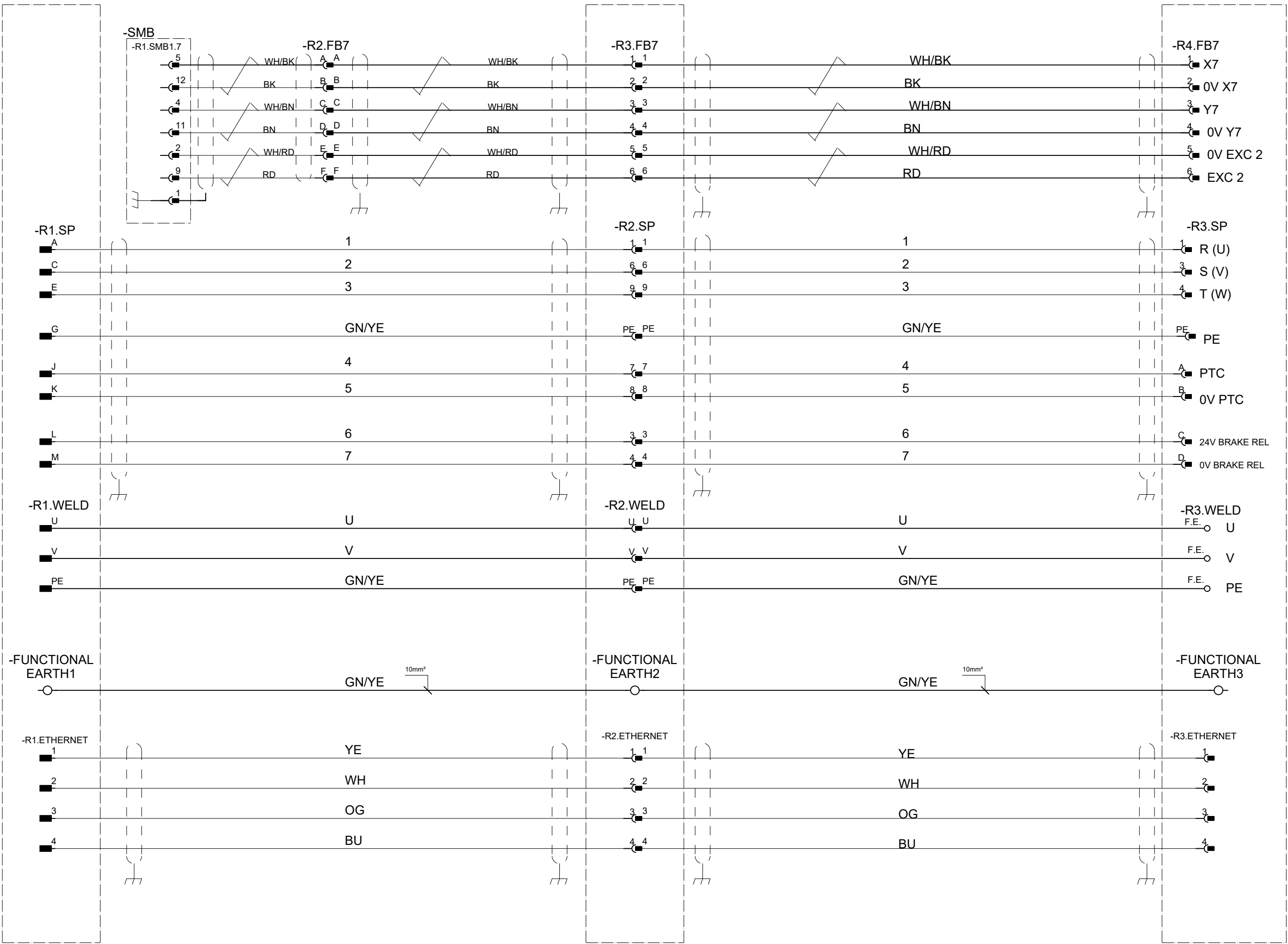
SW6
UPPER ARM HARNESS
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3HAC084548-001
3HAC094976-004
3HAC094977-004

SMB-R2.FB7
3HAC15619-1

-MANIPULATOR BASE

-AXIS 3

-AXIS 6



Latest revision:
ECO 500000137729,
new no. for harnesses added,
page 51-55: correction of CS/CP floor cable,
page 56 and 57: connectors corrected

Prepared by, date: M Lindevall Approved by, date: M Lövmemark 2025-04-11



Lab/Office:
RDM2

Dresspack IRB7710, IRB7720
PARAMULTI, SERVOGUN SW6

TYPE Se

Status:
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Plant: =
Location: +
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Document no.
3HAC090825-001

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